

Message Text

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44

ORIGIN ACDA-10

INFO OCT-01 SS-14 ISO-00 OES-02 IO-03 SSO-00 NSC-05 NSCE-00

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FM SECSTATE WASHDC

TO USMISSION IAEA VIENNA IMMEDIATE

INFO AMEMBASSY TOKYO IMMEDIATE

AMEMBASSY TAIPEI IMMEDIATE

AMEMBASSY OTTAWA IMMEDIATE

C O N F I D E N T I A L STATE 170321

LIMDIS

E.O. 11652: GDS

TAGS: IAEA, TECH

SUBJECT: SAFEGUARDS FOR TAIWAN RESEARCH REACTOR (TRR)

REF: STATE 162575, IAEA V 5566

1. US GROUP (BORIGHT/ACDA, HELFRICH AND HAMMOND/ERDA, COOPER AND LOCK/STATE, MARTIN/NRC AND STIEFF/CONSULTANT), VISITED CHALK RIVER AND OTTAWA (PER REFTEL) JULY 7 AND 8. IN CHALK RIVER, GROUP TOURED NRX REACTOR, WHICH IS VIRTUALLY IDENTICAL TO TRR AND DISCUSSED FUEL AND EXPERIMENT HANDLING AT NRX-TYPE REACTOR. GROUP ALSO DISCUSSED DETAILS OF AECL KNOWLEDGE OF TRR OPERATIONS: AECL RAN TRR FOR THREE MONTHS AFTER STARTUP IN JANUARY 1973, AND HAD ONE MAN IN NEAR-CONTINUOUS PRESENCE UNTIL JANUARY 1975.

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2. IN OTTAWA, US GROUP, PLUS HUDSON (US EMBASSY), MCMANUS AND HODGKINSON (AECB), SMITH (AECL) AND HAYNAL (EXTERNAL AFFAIRS), DISCUSSED IAEA VERIFICATION AT NRX-TYPE REACTOR, INCLUDING NECESSARY FREQUENCY OF INSPECTION AND POTENTIAL ROLE OF CAMERA SYSTEMS, BUNDLE MONITORS, GAMMA SCANNING OF SPENT FUEL, AND POWER LEVEL MONITORS. AS A

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RESULT OF DISCUSSION, AECB WILL INVITE IAEA REGIONAL SECTION CHIEF (THORSTENSEN) TO VISIT CANADA, HOPEFULLY ON WAY TO JULY INSPECTION IN TAIWAN, TO PROVIDE HIM DETAILED GAMMA SPECTRUM CALCULATIONS, TO DISCUSS KEY ELEMENTS IN VERIFICATION, AND TO ASSESS TECHNICAL ASSISTANCE AGENCY MAY NEED IN APPLYING SAFEGUARDS AT TRR. US PARTICIPATION AT SUCH MEETING IS ALSO INVITED. IF TIMING OF STOP IN CANADA CANNOT BE ARRANGED, THESE MATTERS WILL BE PURSUED IN VIENNA AT EARLIEST AVAILABLE OPPORTUNITY. PER REFTEL, MISSION SHOULD STAY IN CONTACT WITH CANADIAN MISSION WITH REGARD TO SCHEDULING. KISSINGER

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